

OFFICE  
200-00020

Docket No. \_\_\_\_\_

COMBINED DECLARATION AND POWER OF ATTORNEY FOR  
ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL,  
DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SEPARATING APPARATUS, SEPARATING METHOD, AND METHOD OF MANUFACTURING  
SEMICONDUCTOR SUBSTRATE

the specification of which

a. ☐ is attached hereto

b. ☒ was filed on February 1, 2000 as application Serial No. 09/495,847 and  
was amended on \_\_\_\_\_ (if applicable).

PCT FILED APPLICATION ENTERING NATIONAL STAGE

c. ☐ was described and claimed in International Application No. \_\_\_\_\_ filed on  
\_\_\_\_\_ and as amended on \_\_\_\_\_ (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby specify the following as the correspondence address to which all communications about this application are to be directed:

SEND CORRESPONDENCE TO: MORGAN & FINNEGAN, L.L.P.  
345 Park Avenue  
New York, N.Y. 10154

DIRECT TELEPHONE CALLS TO: Michael M. Murray  
(212) 758-4800

☒ I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or under § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT international application(s) designating at least one country other than the U.S. listed below and also have identified below such foreign application(s) for patent or inventor's certificate or such PCT international application(s) filed by me on the same subject matter having a filing date within twelve (12) months before that of the application on which priority is claimed:

☒ The attached 35 U.S.C. § 119 claim for priority for the U.S. application(s) listed below forms a part of this declaration.

Docket No. \_\_\_\_\_

<u>Country/PCT</u>	<u>Application Number</u>	<u>Date of filing (day,month,yr)</u>	<u>Date of issue (day,month,yr)</u>	<u>Priority Claimed</u>
JAPAN	11-025482	02/02/1999		[X]YES [ ]NO
				[ ]YES [ ]NO

[ ] I hereby claim the benefit under 35 U.S.C. § 119(e) of any U.S. provisional application(s) listed below.

Provisional Application No.

Date of filing (day, month, yr)

ADDITIONAL STATEMENTS FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART  
OR PCT INTERNATIONAL APPLICATION(S DESIGNATING THE U.S.)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or under § 365(c) of any PCT international application(s) designating the U.S. listed below.

<u>US/PCT Application Serial No.</u>	<u>Filing Date,</u>	<u>Status (patented, pending, abandoned)/ U.S. application no. assigned (For PCT)</u>
--------------------------------------	---------------------	---

<u>US/PCT Application Serial No.</u>	<u>Filing Date,</u>	<u>Status (patented, pending, abandoned)/ U.S. application no. assigned (For PCT)</u>
--------------------------------------	---------------------	---

[ ] In this continuation-in-part application, insofar as the subject matter of any of the claims of this application is not disclosed in the above listed prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: John A. Diaz (Reg. No. 19,550), John C. Vassil (Reg. No. 19,098), Alfred P. Ewert (Reg. No. 19,887), David H. Pfeffer, P.C. (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Dailey (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 27,471), Arnold I. Rady (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Reg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdirame

Docket No. \_\_\_\_\_

(Reg. No. 28,483), Maria C. H. Lin (Reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael A. Nicodema (Ref. No. 33,199), Michael P. Dougherty (Ref. No. 32,730), Seth J. Altas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 33,676), Michael M. Murray (Reg. No. 32,537) and Mark J. Abate (Reg. No. 32,527) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York 10154; and Edward A. Pennington (Reg. No. 32,588) of Morgan & Finnegan, L.L.P., whose address is: 1299 Pennsylvania Avenue, N.W., Suite 960, Washington, D.C. 20004.

☐ I hereby authorize the U.S. attorneys and/or agents named hereinabove to accept and follow instructions from \_\_\_\_\_ as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and/or agents and me. In the event of a change in the person(s) from whom instructions may be taken I will so notify the U.S. attorneys and/or agents named hereinabove.

Full name of sole or first inventor Kazuaki OHMI

Inventor's signature\* Kazuaki Ohmi date April 14, 2000

Residence 581-4, Niiharucho,  
Midori-ku, Yokohama-shi, Kanagawa-ken, Japan

Citizenship Japan

Post Office Address c/o Canon Kabushiki Kaisha,  
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full name of second joint inventor, if any Takao YONEHARA

Inventor's signature\* Takao Yonehara date April 18, 2000

Residence 2235-2, Nurumizu, Atsuqi-shi, Kanagawa-ken, Japan

Citizenship Japan

Post Office Address c/o Canon Kabushiki Kaisha,  
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

☒ ATTACHED IS ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS FORM.

\* Before signing this declaration, each person signing must:

1. Review the declaration and verify the correctness of all information therein; and
2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

Docket No. \_\_\_\_\_

Full name of third joint inventor, if any Kiyofumi SAKAGUCHIInventor's signature\* Kiyofumi Sakaguchidate April 18, 2000Residence 19-2-504, Edahigashi 2-chome,  
Tsuzuki-ku, Yokohama-shi, Kanagawa-ken, JapanCitizenship JapanPost Office Address c/o Canon Kabushiki Kaisha,  
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JapanFull name of fourth joint inventor, if any Kazutaka YANAGITAInventor's signature\* Kazutaka Yanagitadate April 18, 2000Residence 8-8-302, Mori 1-chome,  
Isogo-ku, Yokohama-shi, Kanagawa-ken, JapanCitizenship JapanPost Office Address c/o Canon Kabushiki Kaisha,  
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JapanFull name of fifth joint inventor, if any Hirokazu KURISUInventor's signature\* Hirokazu Kurisudate April 18, 2000Residence c/o MEITEC CORPORATION, 20-1, Koseitori 2-chome,  
Nishi-ku, Nagoya-shi, Aichi-ken, JapanCitizenship JapanPost Office Address c/o MEITEC CORPORATION, 20-1, Koseitori 2-chome,  
Nishi-ku, Nagoya-shi, Aichi-ken, Japan

Full name of sixth joint inventor, if any \_\_\_\_\_

Inventor's signature\* \_\_\_\_\_

date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

1232-4609  
JH

JULY 20, 2000

PTAS

MORGAN & FINNEGAN, L.L.P.  
JAMES HWA  
345 PARK AVENUE  
NEW YORK, NY 10154



\*101366792A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/08/2000

REEL/FRAME: 010799/0232  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
OHMI, KAZUAKI

DOC DATE: 04/19/2000

ASSIGNOR:  
YONEHARA, TAKAO

DOC DATE: 04/18/2000

ASSIGNOR:  
SAKAGUCHI, KIYOFUMI

DOC DATE: 04/18/2000

ASSIGNOR:  
YANAGITA, KAZUTAKA

DOC DATE: 04/18/2000

ASSIGNOR:  
KURISU, HIROKAZU

DOC DATE: 04/18/2000

ASSIGNEE:  
CANON KABUSHIKI KAISHA  
30-2, SHIMOMARUKO 3-CHOME  
OHTA-KU, TOKYO, JAPAN

RECEIVED  
JUL 27 19 43 39  
PTAS

010799/0232 PAGE 2

SERIAL NUMBER: 09495847  
PATENT NUMBER:

FILING DATE: 02/01/2000  
ISSUE DATE:

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

05-24-2000



Docket No. 1232-4609

IN THE UNIT

101366792

REK OFFICE

Applicant(s) : Kazuaki OHMI et al.

Group Art Unit : 2825

Serial No. : 09/495,847

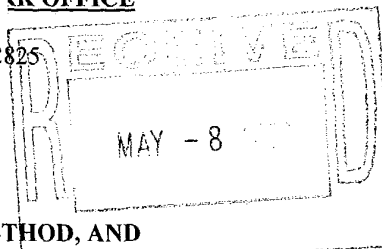
Examiner: TBA

Filed : February 1, 2000

For

*MKD  
S.Y.W*

SEPARATING APPARATUS, SEPARATING METHOD, AND  
METHOD OF MANUFACTURING SEMICONDUCTOR  
SUBSTRATE



RECORDATION FORM COVER SHEET PURSUANT TO 37 C.F.R. § 3.311

Hon. Commissioner of Patents and Trademarks  
BOX ASSIGNMENTS  
Washington, D.C. 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party/parties:

Kazuaki OHMI, 581-4, Niiharucho, Midori-ku, Yokohama-shi, Kanagawa-ken, Japan; Takao YONEHARA, 2235-2, Nurumizu, Atsugi-shi, Kanagawa-ken, Japan; Kiyofumi SAKAGUCHI, 19-2-504, Edahigashi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken, Japan; Kazutaka YANAGITA, 8-8-302, Mori 1-chome, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan; and Hirokazu KURISU, c/o Meitec Corporation, 20-1, Koseitori 2-chome, Nishi-ku, Nagoya-shi, Aichi-ken, Japan.

2. Name and address of receiving party/parties:

Name CANON KABUSHIKI KAISHA

Internal Address: \_\_\_\_\_

Street Address: 30-2, Shimomaruko 3-chome

City Ohta-Ku

State Tokyo, Japan

ZIP \_\_\_\_\_

☐ Additional names and addresses attached.

3. Name of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement  
☐ Change of Name ☐ Other \_\_\_\_\_

Execution Date: 4/19/00, 4/18/00, 4/18/00, 4/18/00 and 4/18/00.

4. Application Number(s) of Patent Number(s):

☐ This document is being filed together with a new application which was executed on \_\_\_\_\_

☒ Patent Application No.(s) 09/495,847

05/24/2000 JSHABAZZ 00000036 09495847

01 KC:581

40.00 00

5. Address all future communications to:

MORGAN & FINNEGAN, L.L.P.  
345 Park Avenue  
New York, New York 10154

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total fee (37 CFR §3.41): \$40.00 property x 1 property(ies) = \$ \$40.00

☒ [X] A check in the amount of \$ 40.00 to cover the recordation fee is enclosed.

☐ [ ] Charge fee to Deposit Account No. 13-4500. Order No. \_\_\_\_\_

☒ [X] The Commissioner is hereby authorized to charge any additional fees which may be required for this recordation, or credit any overpayment to Deposit Account No. 13-4500. Order No. 1232-4609.

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

Dated: May 3, 2000

By: \_\_\_\_\_

James Hwa  
Registration No. 42,680

CORRESPONDENCE ADDRESS:

MORGAN & FINNEGAN, L.L.P.  
345 Park Avenue  
New York, New York 10154  
(212) 758-4800  
(212) 751-6849 Facsimile

FORM: REC-PAT.NY  
Rev. 05/26/98

page 1

JOINT  
(AFTER APPLICATION FILED)

**ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES**

FOR VALUE RECEIVED, We, Kazuaki OHMI, Takao YONEHARA,  
Kiyofumi SAKAGUCHI, Kazutaka YANAGITA and Hirokazu KURISU

citizens of Japan  
residing respectively at

581-4, Niiharucho, Midori-ku, Yokohama-shi, Kanagawa-ken,  
Japan;

2235-2, Nurumizu, Atsugi-shi, Kanagawa-ken, Japan;

19-2-504, Edahigashi 2-chome, Tsuzuki-ku, Yokohama-shi,  
Kanagawa-ken, Japan;

8-8-302, Mori 1-chome, Isogo-ku, Yokohama-shi, Kanagawa-ken,  
Japan; and

c/o MEITEC CORPORATION, 20-1, Koseitori 2-chome, Nishi-ku,  
Nagoya-shi, Aichi-ken, Japan

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha  
a corporation of Japan  
having a place of business at

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title  
and interest, for the United States, in and to certain inventions relating to

**SEPARATING APPARATUS, SEPARATING METHOD, AND METHOD OF  
MANUFACTURING SEMICONDUCTOR SUBSTRATE**

and described in an application for Letters Patent of the United States filed by us on February 1, 2000  
and which has been accorded Application No. 09/495,847 and in and to said application, and all divisions,  
renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and  
all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and  
Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such  
nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for  
patent or other form of protection for said inventions, the benefit of the right of priority provided by the  
International Convention for the Protection of Industrial Property, as amended, or by any convention which may  
henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral  
authorization from us.

page 2

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By: Kazuaki Ohmi  
Kazuaki OHMI

Date: April 19, 2000

By: Takao Yonehara  
Takao YONEHARA

Date: April 18, 2000

By: Kiyofumi Sakaguchi  
Kiyofumi SAKAGUCHI

Date: April 18, 2000

By: Kazutaka Yanagita  
Kazutaka YANAGITA

Date: April 18, 2000

By: Hirokazu Kurisu  
Hirokazu KURISU

Date: April 18, 2000